

What claim is:

1. A controlled release system, comprising 3~10wt% of temozolomide and biodegradable polymeric materials.

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2. The controlled release system according to claim 1, which is implantable tablet.

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3. The controlled release system according to claim 1 or 2, wherein the said biodegradable polymeric materials are selected from the group consisting of polyethylene, polypropylene, polyethylene terephthalate, plasticized polyvinyl chloride, cross-linked polyester, polycarbonate, polysulfone, polystyrene, poly(2-pentene), polymethyl methacrylate, poly (1,4-phenylene), polytetrafluoroethylene, and poly(anhydride).

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4. The controlled release system according to claim 3, wherein the said biodegradable polymeric materials are poly(anhydride).

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5. The controlled release system according to claim 4, wherein the said poly(anhydride) is one condensed from 3,4-bis(p-carboxyphenoxy) propane (CPP) and sebacic acid (SA).

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6. The controlled release system according to claim 5, wherein said 3,4-bis(p-carboxyphenoxy) propane (CPP) and sebacic acid (SA) are at the ratio of 20 to 80.

7. A process of preparing the temozolomide controlled release tablets, comprising:

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a. Dissolving the polymeric materials in a solvent to give a solution of polymeric materials;

b. Dispersing temolozomide in or mixing temolozomide with said solution of polymeric materials to produce a mixture of polymeric materials and temolozomide;

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c. Spray-drying said mixture of polymeric materials and temolozomide to obtain microspheres; and

d. Tabletting said microspheres to obtain implantable tablets.

8. The process according to claim 7, wherein the said polymeric materials are ones condensed from 3,4-bis(p-carboxyphenoxy) propane (CPP) and

sebacic acid (SA).

9. The process according to claim 7 or 8, wherein said
3,4-bis(p-carboxyphenoxy) propane (CPP) and sebacic acid (SA) are
5 at the ratio of 20 to 80.
10. The process according to claim 7, wherein the said solvent in step
(a) is methylene chloride.
- 10 11. A process of preparing the temozolomide controlled release tablets,
comprising:
- a. Dissolving the polymeric materials in a solvent to give a solution
of polymeric materials;
 - b. Adding temozolomide into said solution of polymeric materials
15 and ultrasonic-emulsifying the resultant solution to obtain a
first emulsion;
 - c. Mixing said first emulsion with polyvinyl alcohol (PVA), followed
by evaporating the solvent to obtain hard microspheres;
 - d. Eliminating PVA and residual solvent by washing with water to
20 obtain microspheres; and
 - e. Tabletting said microspheres to obtain implantable tablets.
12. The process according to claim 11, wherein the said polymeric
materials are ones condensed from 3,4-bis(p-carboxyphenoxy) propane
25 (CPP) and sebacic acid (SA).
13. The process according to claim 11 or 12, wherein said
3,4-bis(p-carboxyphenoxy) propane (CPP) and sebacic acid (SA) are at
the ratio of 20 to 80.
- 30 14. The process according to claim 11, wherein the said solvent in step
(a) is methylene chloride.